

47. (New) A method according to claim 46, further comprising the steps of:  
determining a ultrafiltration flow rate (UFR) of plasma water through the membrane of the filter; and  
calculating the characteristic value as an actual permeability ( $K_{uf}$ ) equal to the ratio between the ultrafiltration flow rate (UFR) and the mean transmembrane pressure value ( $TMP_{ave}$ ).

**IN THE ABSTRACT**

Add new page 24 after the claims, adding the following ABSTRACT OF THE DISCLOSURE. A new separate page 24 is enclosed.

**--ABSTRACT OF THE DISCLOSURE**

A dialysis machine having  
an extracorporeal blood circuit having an arterial pipe and a venous pipe respectively connected to an inlet and an outlet of a blood compartment of a filter having a blood compartment and a dialysis liquid compartment separated by a semi-permeable membrane;

means for determining a sequence of infusion of a liquid in the extracorporeal blood circuit, from at least one characteristic value ( $FF$ ,  $TMP_{ave}$ ,  $K_{uf}$ ) correlated with the concentration of the blood ( $C_E$ ) and/or a filtration efficiency of the filter; and

means for infusing the infusion solution in the arterial pipe and in the venous pipe in accordance with the determined infusion sequence.

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